

Abstracts

Field Analysis of Shielded Uniaxial-Dielectric Rod Resonators

Y. Kobayashi and T. Senju. "Field Analysis of Shielded Uniaxial-Dielectric Rod Resonators." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 913-916.

The rigorous field analysis by the mode matching method is presented for two dielectric rod resonators including such uniaxial-dielectrics as sapphire, which is placed between two parallel conducting plates and in a conducting cavity. The resonant frequencies of the some lowest modes are calculated. The validity is confirmed by experiment.

[Return to main document.](#)